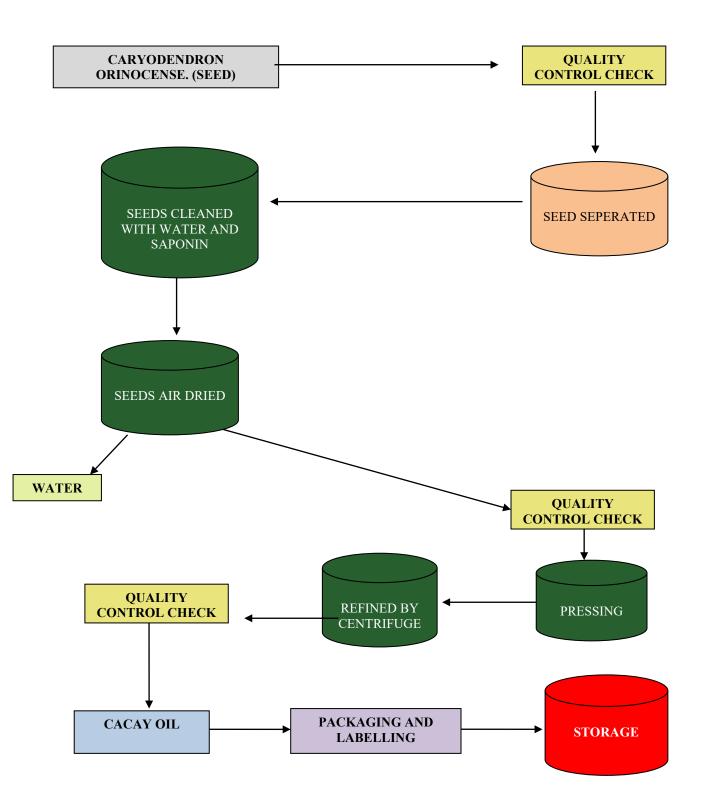
Certificate of Analysis

Product Name	CACAY OIL		
Product Code		OVCACA	
Tariff Number	15159060		
Country of Origin	Brazil		
Batch Number	4413212		
Best Before End	October 2022		
Best Before Ella			
Identification	CAS No: 1453469-52-7	EC No: N/A	
PHYSICAL AND CHEMICAL	CHARACTERISTIC		
	SPECIFICATION RANGE	RESULTS	
Appearance	Liquid	Conforms	
Colour	Yellow to Brown	Conforms	
Odour	Characteristic	Conforms	
Relative Density @ 20°C	0.900 - 0.980	0.923	
Refractive Index @ 20°C	1.400 - 1.490	1.478	
Acid Value (mgKOH/g)	≤20.0	0.41	
Peroxide Value (Meq/kg)	≤30.0	0.6	
Saponification Value (mgKOH/g)	150.0 - 250.0	191	
Iodine Value (gl ₂ /100g)	100.0 - 180.0	115	
FATTY ACID PROFILE (%)			
	SPECIFICATION RANGE	RESULTS	
C14:0 Myristic Acid	0.1 - 0.3	0.1	
C16:0 Palmitic Acid	8.0 - 13.0	8.2	
C16:1 Palmitoleic Acid	0.1 - 0.3	0.2	
C18:0 Stearic Acid	2.0 - 5.0	2.2	
C18:1 Oleic Acid	8.0 - 16.0	8.2	
C18:2 Linoleic Acid	55.0 - 85.0	72.7	
C20:0 Arachidic Acid	<0.7	0.3	
STORAGE AND SHELF LIFE			
Storage	Store in tightly closed container with minimum headspace in a cool, dark		
	and dry place.		

Disclaim the: This information relates only to the specific material designated and may not be value for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for this own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.

Issue No: 1

PROCESSING – CACAY OIL FLOW CHART



SAFETY DATA SHEET CACAY OIL

SECTION 1: Identification of the substance/mixture and of the company/undertaking

SECTION 1: Identification of t	he substance/mixture and of the company/undertaking	
1.1. Product identifier		
Product name	CACAY OIL	
Product code	OVCACA	
Synonyms; trade names	Caryodendron Orinocense Seed Oil	
CAS number	1453469-52-7	
1.2. Relevant identified uses of	of the substance or mixture and uses advised against	
Identified uses	Fragrance use	
1.3. Details of the supplier of t	he safety data sheet	
Supplier	MADAR Corporation Limited	
	19-20 Sandleheath Industrial Estate	
	Fordingbridge	
	Hampshire SP6 1PA	
	SFO IFA	
	Tel. +44 1425 655555 (Opening Hours 9am - 5pm)	
	e-mail sales@madarcorporation.co.uk	
1.4. Emergency telephone nu	mber	
SECTION 2: Hazards identific	ation	
2.1. Classification of the subst	ance or mixture	
Classification (EC 1272/2008)		
Physical hazards	Not Classified	
Health hazards	Not Classified	
Environmental hazards	Not Classified	
2.2. Label elements		
Hazard statements	NC Not Classified	
2.3. Other hazards		
SECTION 3: Composition/info	rmation on ingredients	
3.1. Substances		
Product name	CACAY OIL	
CAS number	1453469-52-7	
SECTION 4: First aid measures		

4.1. Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Maintain an open airway. Get medical attention if any discomfort continues.	
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.	
Skin contact	Remove contamination with soap and water or recognised skin cleansing agent. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.	
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.	
4.2. Most important symptoms	and effects, both acute and delayed	
General information	No further information available at this time.	
4.3. Indication of any immedia	te medical attention and special treatment needed	
Notes for the doctor	Treat symptomatically.	
SECTION 5: Firefighting meas	sures	
5.1. Extinguishing media		
Suitable extinguishing media	Use as appropriate carbon dixoide (CO2), dry chemical or foam	
Unsuitable extinguishing media	For safety reasons do not use full water jet.	
5.2. Special hazards arising fro	om the substance or mixture	
Specific hazards	No data available.	
Hazardous combustion products	No data available.	
5.3. Advice for firefighters		
Protective actions during firefighting	Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses.	
Special protective equipment for firefighters	Wear full protective clothing	
SECTION 6: Accidental release	e measures	
6.1. Personal precautions, pro	tective equipment and emergency procedures	
Personal precautions	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Use suitable respiratory protection if ventilation is inadequate. Wash thoroughly after dealing with a spillage.	
6.2. Environmental precaution	<u>s</u>	
Environmental precautions	Do not discharge into drains or watercourses or onto the ground. Avoid release to the environment.	
6.3. Methods and material for	containment and cleaning up	
Methods for cleaning up	Cover with inert, inorganic, non-combustible material (e.g dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with local authority guidelines. Never return spills in original containers for re-use. Wash spill site after material pick up is complete.	

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. Use personal protection equipment as mentioned under "exposure controls and personal protection". Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Use only outdoors or in a well-ventilated area. If ventilation is inadequate, suitable respiratory protection must be worn. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not empty into drains. Do not eat, drink or smoke when using this product. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment





Appropriate engineering controls	Provide eyewash station Provide adequate ventilation.
Personal protection	Use personal protection according to Directive 89/686/EEC
Eye/face protection	Approved safety goggles.
Hand protection	Chemical resistant gloves (PVC)
Other skin and body protection	Wear apron or protective clothing in case of contact.
Hygiene measures	Good personal hygiene procedures should be implemented.
Respiratory protection	Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.
Environmental exposure controls	Avoid discharging into drains. Do not allow run-off fire fighting to enter drains or water courses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties	
Appearance	Liquid.
Colour	Yellow. to Brown.
Odour	Characteristic.
Relative density	0.900 - 0.980 @ 20°C
9.2. Other information	
Refractive index	1.400 - 1.450 @ 20°C
Hydrocarbon Content	

SECTION 10: Stability and reactivity		
10.1. Reactivity		
Reactivity	This product is stable and non reactive under normal conditions of use, storage and transport.	
10.2. Chemical stability		
Stability	Stable under the prescribed storage conditions.	
10.3. Possibility of hazardous	reactions	
Possibility of hazardous reactions	Product does not exhibit any dangerous reactions under normal conditions. Hazardous polymerization will not occur.	
10.4. Conditions to avoid		
Conditions to avoid	Avoid heat, flames and other sources of ignition.	
10.5. Incompatible materials		
Materials to avoid	Avoid contact with strong oxidising agents.	
10.6. Hazardous decompositi	on products	
Hazardous decomposition products	Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non identified organic compounds may be formed.	
SECTION 11: Toxicological in	formation	
11.1. Information on toxicolog	ical effects	
Toxicological effects	No data available.	
Acute toxicity - oral Notes (oral LD∞)	No information available.	
Acute toxicity - inhalation Notes (inhalation LC ₅₀)	No information available.	
Skin sensitisation Skin sensitisation	No information available.	
SECTION 12: Ecological infor	mation	
<u>12.1. Toxicity</u> <u>Acute aquatic toxicity</u> Acute toxicity - microorganisms	No information required.	
Chronic aquatic toxicity Toxicity to soil	No data available.	
12.2. Persistence and degradability		
12.3. Bioaccumulative potenti	al	
12.4. Mobility in soil		
Mobility	No data available.	
12.5. Results of PBT and vPvB assessment		
12.6. Other adverse effects SECTION 13: Disposal considerations		
13.1. Waste treatment methods		

Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not empty into drains.		
SECTION 14: Transport inform	nation		
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).		
14.1. UN number			
Not applicable.			
14.2. UN proper shipping nam	<u>e</u>		
Not applicable.			
14.3. Transport hazard class(e	<u>es)</u>		
No transport warning sign requ	Jired.		
14.4. Packing group			
Not applicable.	lot applicable.		
14.5. Environmental hazards			
Environmentally hazardous substance/marine pollutant No.			
14.6. Special precautions for u	iser		
Not applicable.			
14.7. Transport in bulk accordi	ng to Annex II of MARPOL and the IBC Code		
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.		
SECTION 15: Regulatory infor	mation		
15.1. Safety, health and enviro	nmental regulations/legislation specific for the substance or mixture		
EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).		
Guidance	CHIP for everyone HSG228.		
15.2. Chemical safety assessment			
SECTION 16: Other information	n		
Revision date	08/01/2019		
Revision	1		
SDS number	5267		

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Product Specification

PRODUCT DETAILS		
Product Name		
Product Code	OVCACA	
Tariff Number	15159060	
Country of Origin	Brazil	
INCI Name	Caryodendron Orinocense Seed Oil	
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural. This product does not contain any solvents or additives.	
Food Grade Status	Not Food Grade	
Kosher Certified	Not Certified	
Halal Certified	Suitable	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modifed organisms.	
Manufacturing Process	Please request Flowchart.	
Identification	CAS No: 1453469-52-7 EC No: N/A	
PHYSICAL AND CHEMICAL	CHARACTERISTIC	
Appearance	Liquid	
Colour	Yellow to Brown	
Odour	Characteristic	
Relative Density @ 20°C	0.900 - 0.980	
Refractive Index @ 20°C	1.400 - 1.490	
Acid Value (mgKOH/g)	≤20.0	
Peroxide Value (Meq/kg)	≤30.0	
Saponification Value (mgKOH/g)	150.0 - 250.0	
lodine Value (gl ₂ /100g)	100.0 - 180.0	
FATTY ACID PROFILE (%)		
C14:0 Myristic Acid	0.1 - 0.3	
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C18:0 Stearic Acid	2.0 - 5.0	
C18:1 Oleic Acid	8.0 - 16.0	
C18:2 Linoleic Acid	55.0 - 85.0	
C20:0 Arachidic Acid	<0.7	
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	

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Issue No: 1

08/01/2019

Vegan and Vegetarian Statement

IDENTIFICATION		
Product:	CACAY OIL	
Cas No:	1453469-52-7	
EINECS No:	N/A	
		STATEMENT
declare that the It does not cont	material listed above	m information received from our supplier, hereby e is compliant with a vegan or vegetarian diet. ients or animal by products. No animal ingredients
This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.		